

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

CLOCK DATA RECOVERY WITH SELECTABLE PHASE CONTROL INPUT

the specification of which

X is attached hereto.
_____ was filed on _____ as
United States Application Number _____
or PCT International Application Number _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed</u>	
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<u>Yes</u>	<u>No</u>
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<u>Yes</u>	<u>No</u>

Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
Male	55.2 (10.5)
Female	56.8 (11.2)
Marital status	
Married	78.5%
Single	21.5%
Education level	
High school or above	65.2%
Below high school	34.8%
Occupation	
White collar	45.1%
Blue collar	54.9%
Income (USD/month)	
< 1000	12.3%
1000-2000	35.7%
2000-3000	28.9%
> 3000	23.1%
Health insurance	
Yes	89.4%
No	10.6%
Smoking status	
Smoker	28.7%
Non-smoker	71.3%
Alcohol consumption	
Regular	15.6%
Occasional	32.4%
Never	52.0%
Comorbidities	
Hypertension	42.1%
Diabetes	18.9%
Cholesterol	35.6%
Obesity	22.3%
Family history of heart disease	38.7%
Previous heart attack	12.5%
Previous stroke	8.9%
Current medications	
Aspirin	55.3%
Beta-blockers	48.7%
Statins	32.1%
Diuretics	25.4%
ACE inhibitors	18.9%
Calcium channel blockers	15.6%
Insulin	12.3%
Blood pressure (mmHg)	
Systolic	135.2 (15.8)
Diastolic	85.1 (10.5)
Cholesterol (mg/dL)	
Total	215.3 (45.2)
LDL	135.7 (35.1)
HDL	45.2 (15.3)
Fasting glucose (mg/dL)	
Mean	105.4 (25.1)
HbA1c (%)	
Mean	5.8 (0.8)
Max	8.5
Min	4.2
Weight (kg)	
Mean	78.5 (15.2)
Height (cm)	
Mean	175.3 (8.5)
BMI (kg/m ²)	
Mean	25.8 (4.2)
Max	35.2
Min	18.5
Heart rate (b/min)	
Mean	72.5 (10.1)
Max	95.2
Min	55.1
Stroke volume (mL)	
Mean	75.2 (12.5)
Max	95.1
Min	55.3
Cardiac output (L/min)	
Mean	5.2 (0.8)
Max	6.5
Min	4.1
Stroke work (J/min)	
Mean	125.3 (25.1)
Max	155.2
Min	85.1
Stroke power (W)	
Mean	1.2 (0.2)
Max	1.5
Min	0.8
Stroke efficiency (%)	
Mean	25.3 (3.5)
Max	35.2
Min	15.1
Stroke volume index (mL/m ²)	
Mean	42.5 (7.5)
Max	55.2
Min	30.1
Cardiac output index (L/min/m ²)	
Mean	2.8 (0.4)
Max	3.5
Min	2.1
Stroke work index (J/min/m ²)	
Mean	25.3 (5.1)
Max	35.2
Min	15.1
Stroke power index (W/m ²)	
Mean	0.7 (0.1)
Max	0.9
Min	0.5
Stroke efficiency index (%)	
Mean	25.3 (3.5)
Max	35.2
Min	15.1
Stroke volume index (mL/m ²)	
Mean	42.5 (7.5)
Max	55.2
Min	30.1
Cardiac output index (L/min/m ²)	
Mean	2.8 (0.4)
Max	3.5
Min	2.1
Stroke work index (J/min/m ²)	
Mean	25.3 (5.1)
Max	35.2
Min	15.1
Stroke power index (W/m ²)	
Mean	0.7 (0.1)
Max	0.9
Min	0.5
Stroke efficiency index (%)	
Mean	25.3 (3.5)
Max	35.2
Min	15.1

Filing Date

Filing Date

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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